



# Spectrum Health

Department of Radiology  
Butterworth Campus MC 46  
100 Michigan, NE  
Grand Rapids, MI 49503

## FAX TRANSMITTAL

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To LSNRE Licensing Fax # 630-515-1078 Phone # 630-829-9887

From Bruce Hasselquist Fax # 616-391-2665 Phone # 616-391-3646

RE Notification 1-2498

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## Spectrum Health

*Butterworth Campus*

100 MICHIGAN STREET NE GRAND RAPIDS MI 49503-2560  
616 391 1774 FAX 391 2745 [www.spectrum-health.org](http://www.spectrum-health.org)

January 10, 2008

United States Nuclear Regulatory Commission  
Region III, Nuclear Materials Inspection  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4352

License Number: SNM-1432 (Spectrum Health Hospitals)

Dear Sir or Madam:

I am hereby providing notification that a nuclear-powered pacemaker has been explanted from one of our patients. The patient had the device surgically removed and replaced on 1/8/08 at the recommendation of her cardiologist who claimed "the plutonium power is severely depleted". The patient had not reported any adverse reaction or malfunction of the pacemaker, nor experienced any missed beats.

The explanted pacemaker was a Cordis Model 184, Serial #462.

The source has already been transferred to the Los Alamos National Lab OSRP and was shipped to their NSSI recovery site on 1/9/08, arriving there today. We still have 3 remaining Cordis pacemakers in other patients.

If you have any questions regarding this notification or need additional information, please contact Bruce E. Hasselquist, Ph.D., RSO at 616-391-2498.

Sincerely,

Bruce E. Hasselquist, Ph.D., RSO  
Chief Medical Physicist, Radiology

cc: Larry Genzink, Director, Radiology  
Thomas Getz, MD, Chair, RSC